

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-8. (Cancelled).

9. (Currently Amended) A communication system comprising:

a communication terminal apparatus;

a plurality of an access routers router that communicate communicates with [[a]] the
communication terminal apparatus and transmits a first care-of address and a second care-of
address to the communication terminal apparatus;

a first mobility anchor point that controls an access router subordinate under the first
mobility anchor point among the plurality of access routers, issues a the first care-of address and
a the second care-of address, and transmits the issued first care-of address and the issued second
care-of address through a network;

a second mobility anchor point that controls another access router subordinate under the
second mobility anchor point among the plurality of access routers, and that is adjacent to the
first mobility anchor point across a boundary with the first mobility anchor point; and

a home agent that:

registers, in association with one another, a home address of the communication
terminal apparatus, the first care-of address and the second care-of address, the first care
of address and the second care-of address having been transmitted through the network;
and

transmits data, transmitted to a ~~the~~ home address of the communication terminal apparatus, to a destination indicated by at least one of the first care-of address and the second care-of address, wherein:

the first care-of address can only be used in cells of the first mobility anchor point ~~and~~ cannot be used in cells of the second mobility anchor point;

the second care-of address can only be used in predetermined cells ~~and cannot be used in cells other than the predetermined cells; and~~

the predetermined cells:

(i) only include ~~both of~~ a first cell group, which is part of the cells of the first mobility anchor point, and a second cell group, which is part of the cells of the second mobility anchor point, the second cell group of the second mobility anchor point being adjacent to the first cell group of the first mobility anchor point across the boundary with the first mobility anchor point, and

(ii) do not include at least one of (a) a third cell, which is part of the cells of the first mobility anchor point, and (b) a fourth cell, which is part of the cells of the second mobility anchor point; ~~and~~

~~the home agent registers the home address of the communication terminal apparatus, the first care-of address transmitted through the network and the second care-of address transmitted through the network, wherein:~~

~~the home address of the communication terminal apparatus, the first care-of address and the second care-of address are associated with each other.~~

10. (Previously Presented) The communication system according to claim 9, wherein the first mobility anchor point changes how many cells are to be included in the predetermined cells.

11. (Previously Presented) The communication system according to claim 10, wherein the first mobility anchor point detects a moving speed of the communication terminal apparatus, and, in a case of communicating with the communication terminal apparatus moving at high speed, sets the predetermined cells to include more cells than in a case of communicating with the communication terminal apparatus moving at low speed.

12. (Currently Amended) A communication method in a communication system comprising a communication terminal apparatus; a plurality of an access routers that communicate with the communication terminal apparatus router; a first mobility anchor point that controls an access router subordinate under the first mobility anchor point among the plurality of access routers; a second mobility anchor point that controls another access router subordinate under the second mobility anchor point among the plurality of access routers and that is adjacent to the first mobility anchor point across a boundary with the first mobility anchor point; and a home agent, the communication method comprising:

at the access router, communicating with a communication terminal apparatus and transmitting a first care-of address and a second care-of address to the communication terminal apparatus;

at the first mobility anchor point, issuing a the first care-of address and a the second care-of address, and transmitting the issued first care-of address and the issued second care-of address through a network; and

at the home agent:

registering, in association with one another, a home address of the communication terminal apparatus, the first care-of address and the second care-of address, the first care-of address and the second care-of address having been transmitted through the network;
and

transmitting data, transmitted to a the home address of the communication terminal apparatus, to a destination indicated by at least one of the first care-of address and the second care-of address, wherein:

the first care-of address can only be used in cells of the first mobility anchor point and cannot be used in cells of the second mobility anchor point;

the second care-of address can only be used in predetermined cells and cannot be used in cells other than the predetermined cells; and

the predetermined cells;

(i) only include both of a first cell group, which is part of the cells of the first mobility anchor point, and a second cell group, which is part of the cells of the second mobility anchor point, the second cell group of the second mobility anchor point being adjacent to the first cell group of the first mobility anchor point across the boundary with the first mobility anchor point, and

(ii) do not include at least one of (a) a third cell, which is part of the cells of the first mobility anchor point and (b) a fourth cell, which is part of the cells of the second mobility anchor point; and

the home agent registers the home address of the communication terminal apparatus, the first care-of address transmitted through the network and the second care-of address transmitted through the network, wherein:

the home address of the communication terminal apparatus, the first care-of address and the second care-of address are associated with each other.

13. (Previously Presented) The communication method according to claim 12, wherein the first mobility anchor point changes how many cells are to be included in the predetermined cells.

14. (Previously Presented) The communication method according to claim 13, wherein the first mobility anchor point detects a moving speed of the communication terminal apparatus, and, in a case of communicating with the communication terminal apparatus moving at high speed, sets the predetermined cells to include more cells than in a case of communicating with the communication terminal apparatus moving at low speed.

15. (Currently Amended) The communication system according to claim 9, wherein the first cell group consists predetermined cells consist of a the first cell of the first mobility anchor point and the second cell group consists of a second cell of the second mobility anchor point.

16. (Cancelled).

17. (Currently Amended) The communication system according to claim 9, wherein the first mobility anchor point that issues the first care-of address and the second care-of address further issues a third care-of address for identifying the communication terminal apparatus in a network of the access router that is subordinate under and communicating with the first mobility anchor point, and registers the third care-of address in the home agent.

18. (Previously Presented) The communication system according to claim 9, wherein, when the communication terminal apparatus moves from a cell of the second mobility anchor point to a cell of the first mobility anchor point through one or more of the predetermined cells, the first mobility anchor point registers the first care-of address in the home agent while the communication terminal apparatus performs communication using the second care-of address in the one or more of the predetermined cells.

19. (Currently Amended) The communication method according to claim 12, wherein the predetermined cells consist of the first cell group of the first mobility anchor point and the second cell group of the second mobility anchor point, and each of the first and second cell groups comprises a plurality of cells.

20. (Cancelled).

21. (Currently Amended) The communication method according to claim 12, wherein the first mobility anchor point that issues the first care-of address and the second care-of address further issues a third care-of address for identifying the communication terminal apparatus in a network of the access router that is subordinate under and communicating with the first mobility anchor point, and registers the third care-of address in the home agent.

22. (Previously Presented) The communication method according to claim 12, wherein, when the communication terminal apparatus moves from a cell of the second mobility anchor point to a cell of the first mobility anchor point through one or more of the predetermined cells, the first mobility anchor point registers the first care-of address in the home agent while the communication terminal apparatus performs communication using the second care-of address in the one or more predetermined cells.